SINUS 500/1000 24/230V (500W/1000VA) VOLTAGE CONVERTER

REGULAR RANGE

PRODUCT CODE
3SIP090024

EAN
5903293765616

CATEGORY
Voltage converters

SUBCATEGORY
SINUS 12/24VDC > 230VAC voltage converters

PRODUCT PAGE
voltpolska.pl/produkty/sinus-500-1000-24-230v-500-1000w-pr...



ABOUT THE PRODUCT

The electronic SINUS 500/1000 24/230V (500W/1000VA) converter is designed to power devices requiring 230V alternating voltage from batteries and 24V vehicle electrical systems. It is intended for use in vehicles and locations without direct access to the power grid.

The device generates a pure sine-wave voltage identical to that of the power grid, allowing it to power inductive loads as well. It is suitable for use with refrigerators, freezers, air conditioners, consumer electronics, LED lighting, home automation systems, power tools, household appliances, central-heating pumps, and automatic gate and lift motors, among others.

The converter is equipped with short-circuit, thermal, undervoltage, overvoltage, and overload protection. Audible signals indicate the operating status and the causes of disconnection.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Total power (momentary)**	1000 VA (1000 W)
	Continuous power (constant)	500 W
	Battery voltage	24 V
	Input voltage	21 V - 31 V
	Output voltage	225 V - 235 V AC
	Output voltage frequency	50 Hz ±2 Hz
	Undervoltage protection activation threshold	21,4 V ±0,6 V
	Efficiency at full load	~92%
	Output voltage waveform	Pure sine wave (identical to that of the power grid)
	No-load consumption	300 mA

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TECHNICAL SPECIFICATIONS - CONTINUED

Functions and Protections	**Built-in protection**	Short-circuit, thermal (disconnection at approx. 60°C - 70°C), undervoltage, overvoltage, overload
	Alarm indications (audible signals)	2 (low-voltage alarm), 3 (undervoltage disconnection), 4 (overvoltage disconnection), 5 (overheating), 6 (overload)
	Intended application	Power supply for inductive and capacitive devices (e.g. motors, central-heating pumps, household appliances, power tools) in an off-grid system
Dimensions and Operating Environment	**Permissible operating temperature**	0°C to 40°C
	Device dimensions	24 x 11 x 6,3 cm
	Net weight	1,2 kg
	Individual packaging dimensions	28 x 15 x 6,5 cm
	Individual packaging weight	1,45 kg

PRODUCT GALLERY





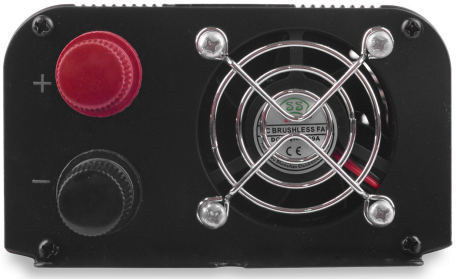
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